

Converting Colors

`RYB(245, 164, 149)`

Have a look what the booklet for
RYB(245, 164, 149) contains.

RYB(245, 164, 149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(245, 164, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F5A295
RGB	245, 162, 149
RGB Percent	96%, 64%, 58%
CMY	0.0392, 0.3648, 0.4157
CMYK	0.00, 0.34, 0.39, 0.04
HSL	8°, 83%, 77%
HSV	8°, 39%, 96%
XYZ	55.9966, 47.4135, 34.6342
YIQ	185.3350, 53.6410, 13.5530

Conversions

Conversions Part 2

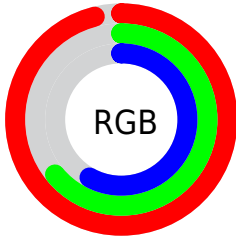
Format	Color
R _Y B	245, 164, 149
Decimal	16097941
CIE Lab	74.45, 29.27, 19.43
CIE LCh	74, 35.133, 33.575
Yxy	47.4135, 0.4056, 0.3435
Android (android.graphics.Color)	4294288021 (0xFFFF5A295)
YUV	185.3350, -17.9132, 52.3262
Hunter-Lab	68.8575, 24.6599, 18.3784

Details

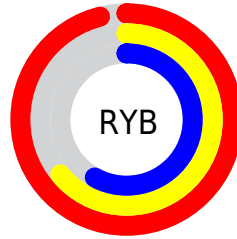
The RYB color **245, 164, 149** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **149, 194, 245**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 222, 203**, and **186, 111, 98** is the 20% darker color. If you saturate the color by 10%, you get **245, 143, 125**, and if you desaturate by 10%, it is **245, 184, 174**.

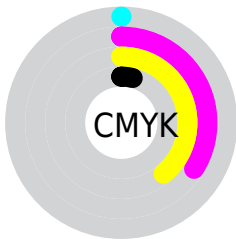
Distribution



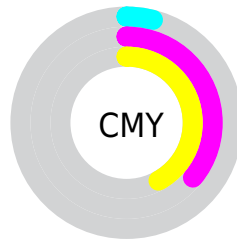
- Red (96%)
- Green (64%)
- Blue (58%)



- Red (96%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 164, 149 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 245, 164, 149 by changing the saturation by 10% instead.

 245, 164, 149

 245, 164, 149

255, 255, 255

 215, 137, 123

 255, 222, 203

 186, 111, 98

 245, 255, 231

 158, 85, 74

 130, 61, 52

 102, 37, 30

 76, 12, 7

 50, 0, 0

 14, 0, 0

 0, 0, 0

 245, 164, 149


 245, 164, 149

 245, 143, 125

 245, 184, 174

 245, 123, 100

 245, 205, 198

 245, 101, 76

 245, 226, 223

 245, 81, 51

 245, 246, 247

 245, 61, 26

 245, 250, 255

 245, 40, 2

 245, 38, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 159, 180



245, 164, 149



229, 206, 126

Triad

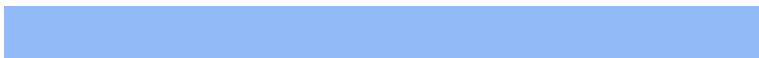
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 164, 149



129, 180, 198



145, 174, 247

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



245, 164, 149



149, 194, 245

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96, 154, 240



245, 164, 149



91, 150, 201

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 164, 149



128, 192, 153



70, 139, 218



192, 173, 237

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 164, 149



170, 212, 119



70, 139, 218



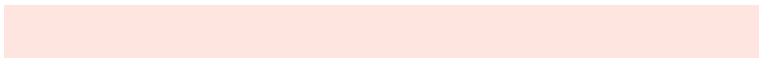
128, 168, 247

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



245, 164, 149



255, 230, 224



245, 149, 232



128, 112, 110



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 164, 149



255, 153, 135



204, 245, 149



122, 112, 110



186, 29, 0



59, 9, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



149, 194, 245



135, 191, 255



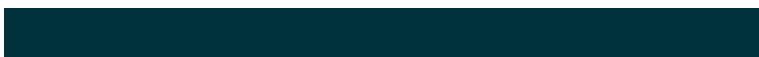
149, 175, 245



110, 116, 122



0, 86, 186



0, 27, 59

Previews

White Background



This preview shows how the RYB color 245, 164, 149 looks on a white background.

Color Contrast Check

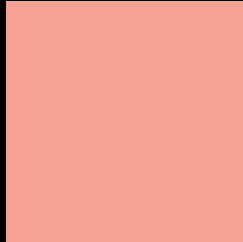
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 245, 164, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 245, 164, 149 Background



This preview shows how black text looks on a background with the RYB color 245, 164, 149.

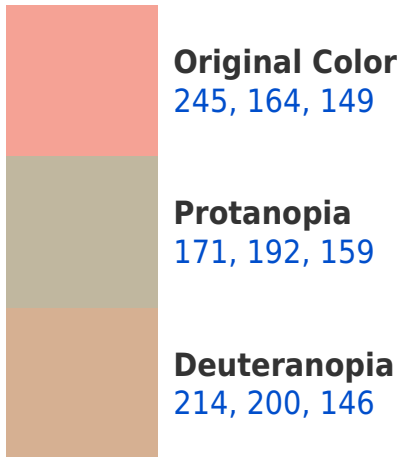


This preview shows how white text looks on a background with the RYB color 245, 164, 149.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
247, 159, 171

Trichromacy



Original Color

245, 164, 149



Protanomaly

211, 186, 155



Deuteranomaly

225, 182, 147



Tritanomaly

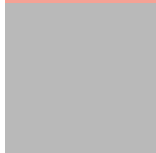
246, 160, 163

Monochromacy



Original Color

245, 164, 149



Achromatopsia

185, 185, 185



Achromatomaly

207, 178, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 164, 149 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(245, 162, 149) looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 162, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 149) }
```

Border

The CSS property to change the border of an element to RYB 245, 164, 149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 162, 149) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 162, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 162, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 149);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 245, 164, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
162, 149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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